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PATENT

ATTORNEY DOCKET NO.: 044574-5061-US

Express Mail No.: EI149177978US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

jc511 U.S. PRO
09/49157
01/25/00

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): **John R. CARLSON,**
Junhyong KIM,
Peter-J. CLYNE,
Coral G. WARR,

For: NOVEL FAMILY OF ODORANT RECEPTORS IN DROSOPHILA

1. This new application is for a:

Utility Design Plant

2. Papers enclosed which are required for a filing date:

77 Pages of specification including
1 Title Page
6 Pages of claims and
1 Page(s) of Abstract
6 Sheets of FORMAL INFORMAL drawings containing
29 Figures

The enclosed drawing(s) are photograph(s), and there is also attached a
PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)

3. Combined Declaration and Power of Attorney

Enclosed - and is executed by all inventors
 Not Enclosed

This application is being filed under the provisions of 37 C.F.R. §1.53(d).
Applicant(s) await notification from the Patent and Trademark Office of the time
set for filing the Declaration and paying the filing fees.

4. Language

- English
 Non-English

This application is being filed in accordance with 37 C.F.R. §1.52(d) and §608.01 of the MPEP. Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the verified English translation and the processing fee.

5. Assignment

is attached and Assignment of the invention is to _____
 also enclosed is the Form PTO 1595, Recordation Form Cover Sheet.

will be filed at a later date

6. Certified Copy

Application(s) from which priority is claimed are:

Country	Application No.	Filed
United States	60/117,132	January 25, 1999

Certified copy(ies) is/are attached will follow

7. Fee Calculation

CLAIMS AS FILED				
	Number Filed	Number Extra	at Rate of	Basic Fee
Total Claims (37 CFR 1.16(c))	- 20 =		\$ 18.00 each =	Utility \$760.00 Design \$310.00
Independent Claims (37 CFR 1.16(b))	- 3 =		\$ 78.00 each =	+
Multiple dependent claim(s), if any (37 CFR 1.16(d))			\$260.00	+
SUB-TOTAL =				
Reduction by 1/2 for filing by a small entity				- \$
TOTAL FILING FEE =				\$

8. Small Entity Statement(s)

[] Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §1.9 and §1.27 is(are) attached.

9. Fee Payment

[✓] Not Enclosed.

NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.

This application is being filed under the provisions of 37 C.F.R. §1.53(d).

Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration and paying the filing fees.

[] Enclosed.

A check in the amount of \$_____ representing the filing fee of \$_____ and an assignment recording fee of \$_____ is enclosed.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 CFR §1.16 and §1.17 which may be required, or credit any overpayment to Deposit Account 50-0310.

10. Additional papers enclosed.

[] Preliminary Amendment

[] Information Disclosure Statement and Form PTO-1449

[] Citations

[] Declaration of Biological Deposit

[✓] Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

ATTORNEY DOCKET NO.: 044574-5061-US
Page 4

Please accord an application number and filing date.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Erich E. Veitenheimer

Erich E. Veitenheimer
Reg. No. 40,420

Dated: January 25, 2000

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Attorney Docket No. 044574-5061-US

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09/491577
01/25/00

CERTIFICATE OF MAILING

I hereby certify that the attached new U.S. Patent Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on January 25, 2000, Express Mailing No. EI149177978US, and is address to:

Box PATENT APPLICATION
Assistant Commissioner of Patents,
Washington, D.C. 20231

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